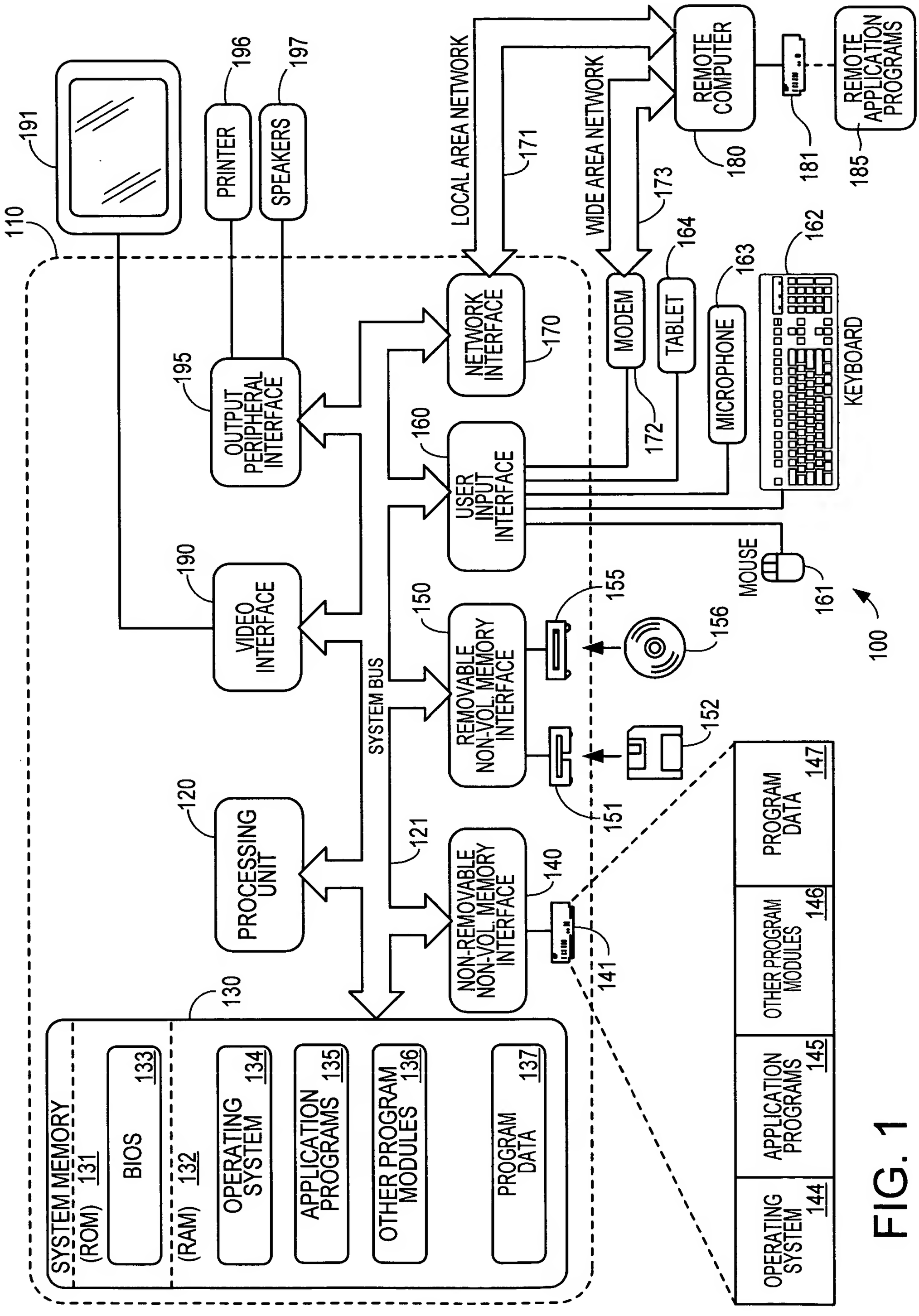

191
110
PRINTER
196
SPEAKERS
197
LOCAL AREA NETWORK
171
WIDE AREA NETWORK
173
REMOTE COMPUTER
180
181
185
REMOTE APPLICATION PROGRAMS
164
163
162
MODEM
TABLET
MICROPHONE
KEYBOARD
172
195
OUTPUT PERIPHERAL INTERFACE
NETWORK INTERFACE
170
160
USER INPUT INTERFACE
190
VIDEO INTERFACE
150
REMOVABLE NON-VOL. MEMORY INTERFACE
155
156
MOUSE
161
100
SYSTEM BUS
120
PROCESSING UNIT
121
151
152
PROGRAM DATA
147
140
NON-REMOVABLE NON-VOL. MEMORY INTERFACE
141
130
SYSTEM MEMORY
(ROM) 131
BIOS 133
(RAM) 132
OPERATING SYSTEM 134
APPLICATION PROGRAMS 135
OTHER PROGRAM MODULES 136
PROGRAM DATA 137
OPERATING SYSTEM 144
APPLICATION PROGRAMS 145
OTHER PROGRAM MODULES 146
PROGRAM DATA 147

FIG. 1

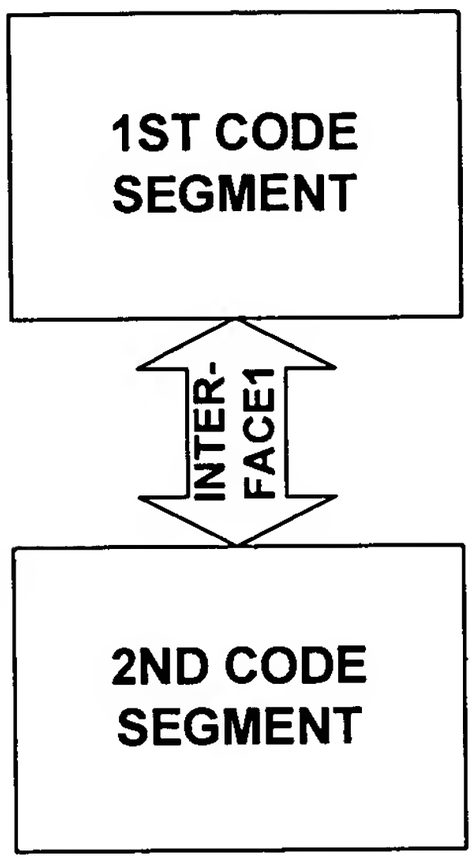


FIGURE 2a

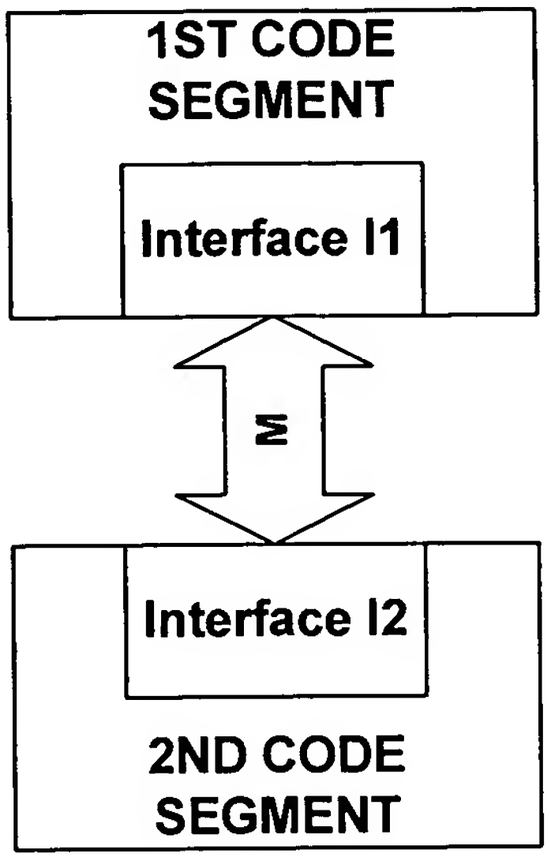


FIGURE 2b

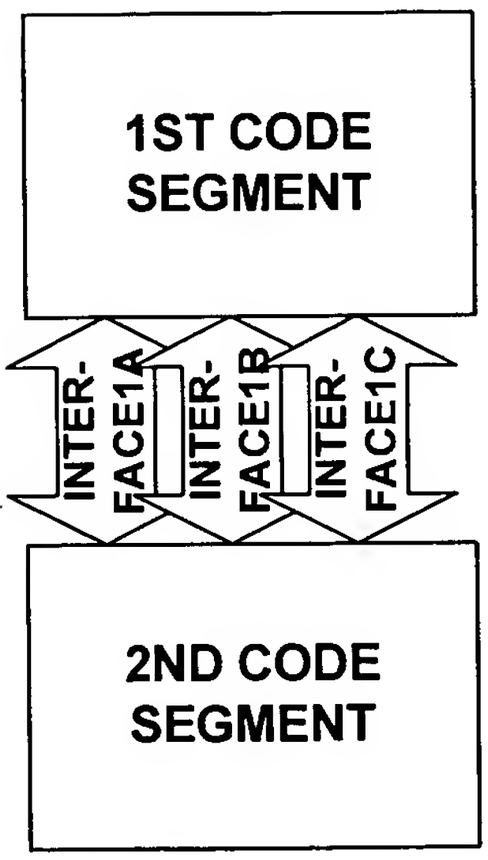


FIGURE 3a

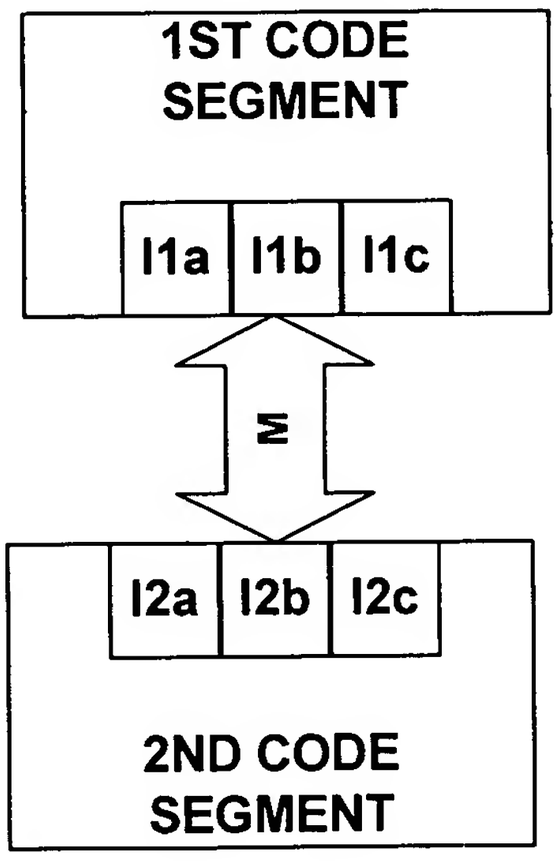


FIGURE 3b

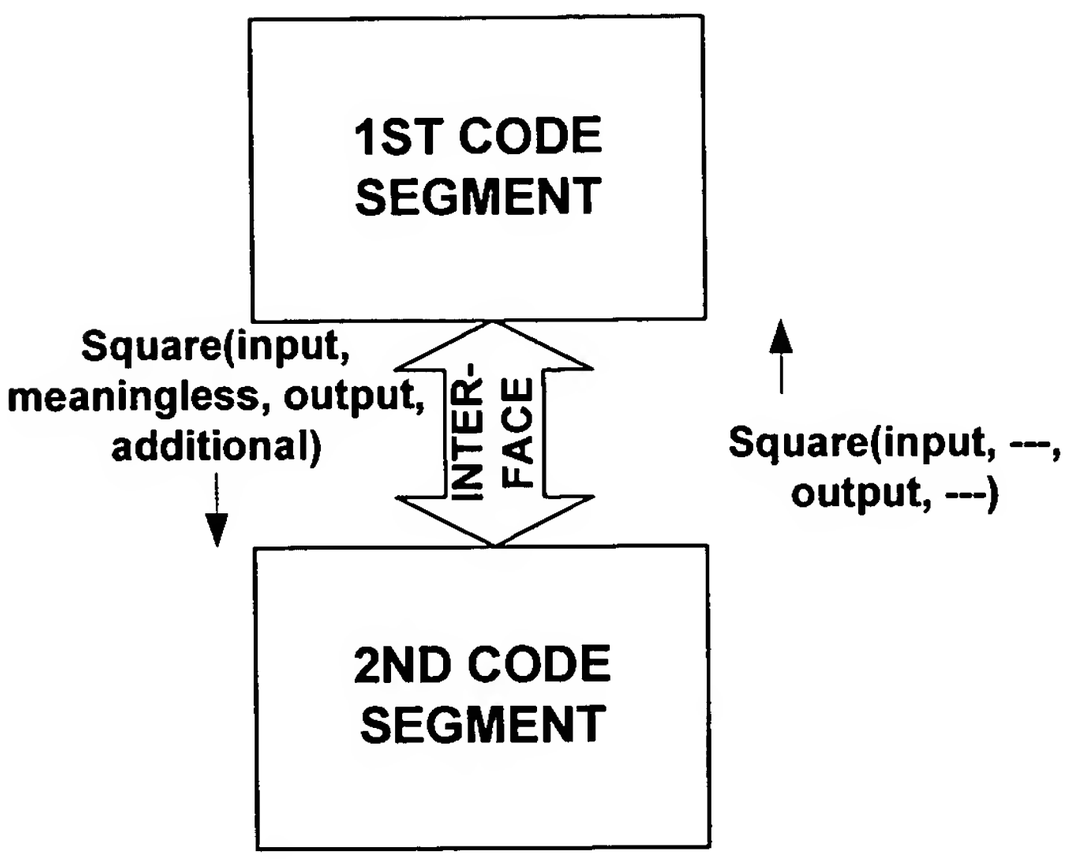


FIGURE 4a

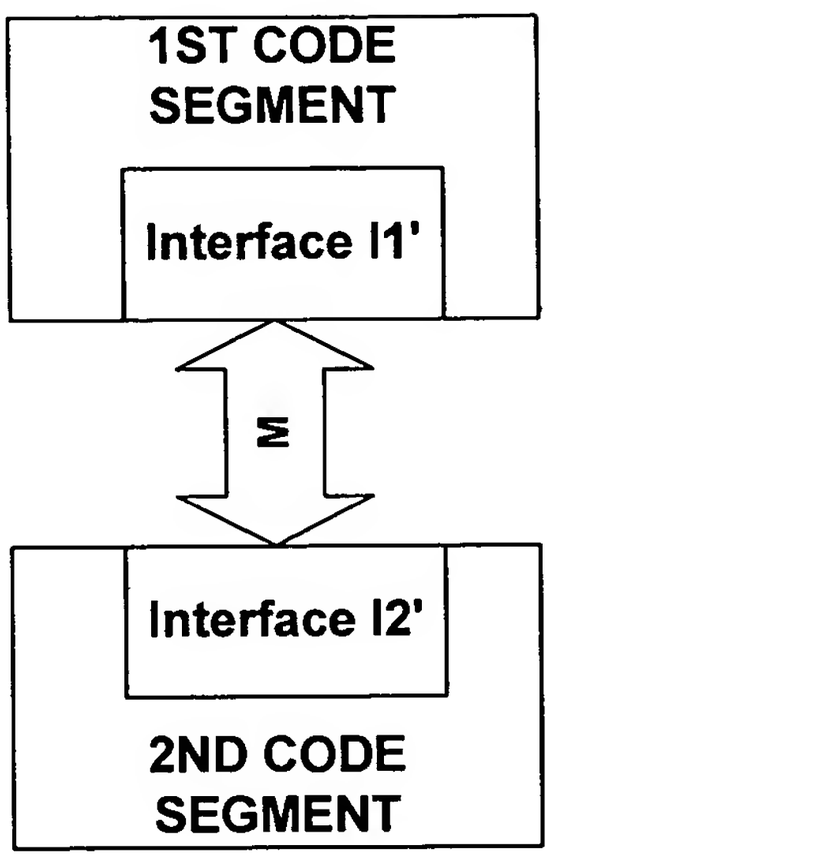


FIGURE 4b

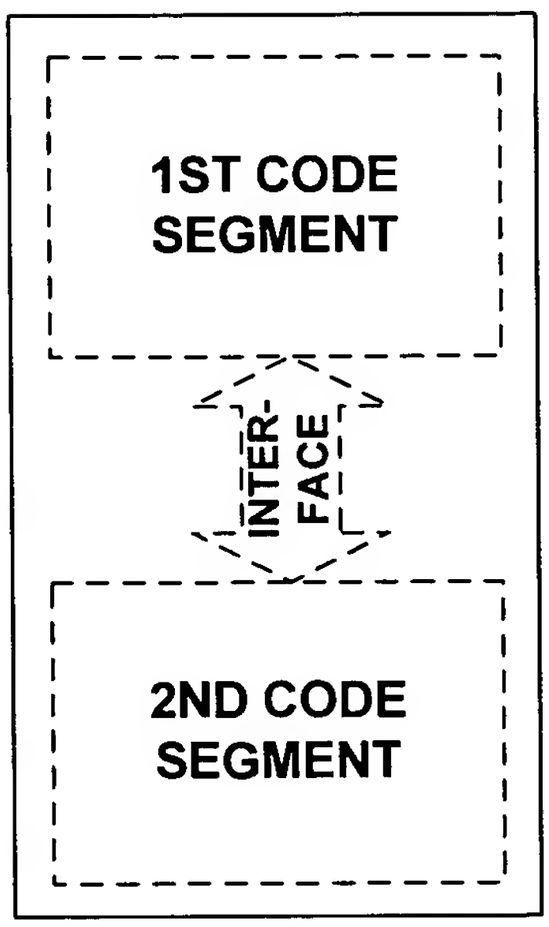


FIGURE 5a

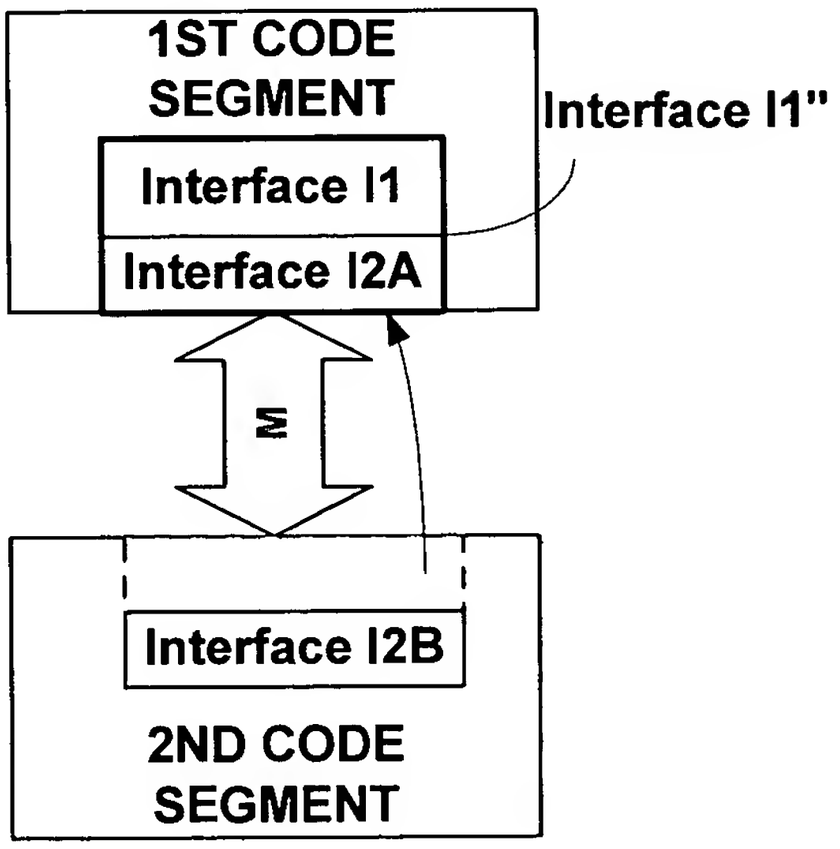


FIGURE 5b

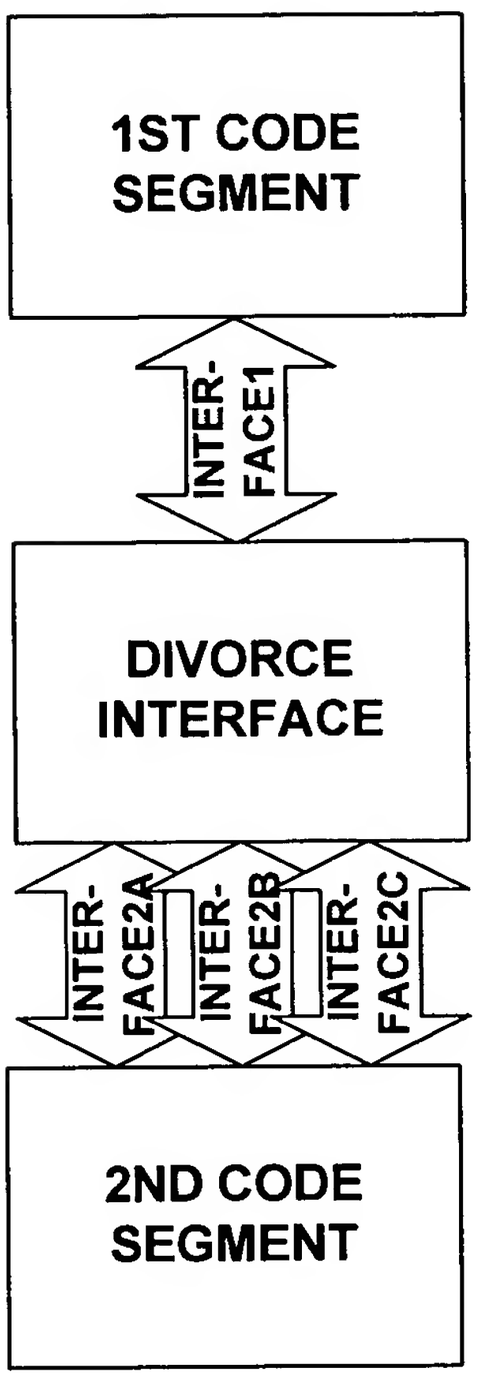


FIGURE 6a

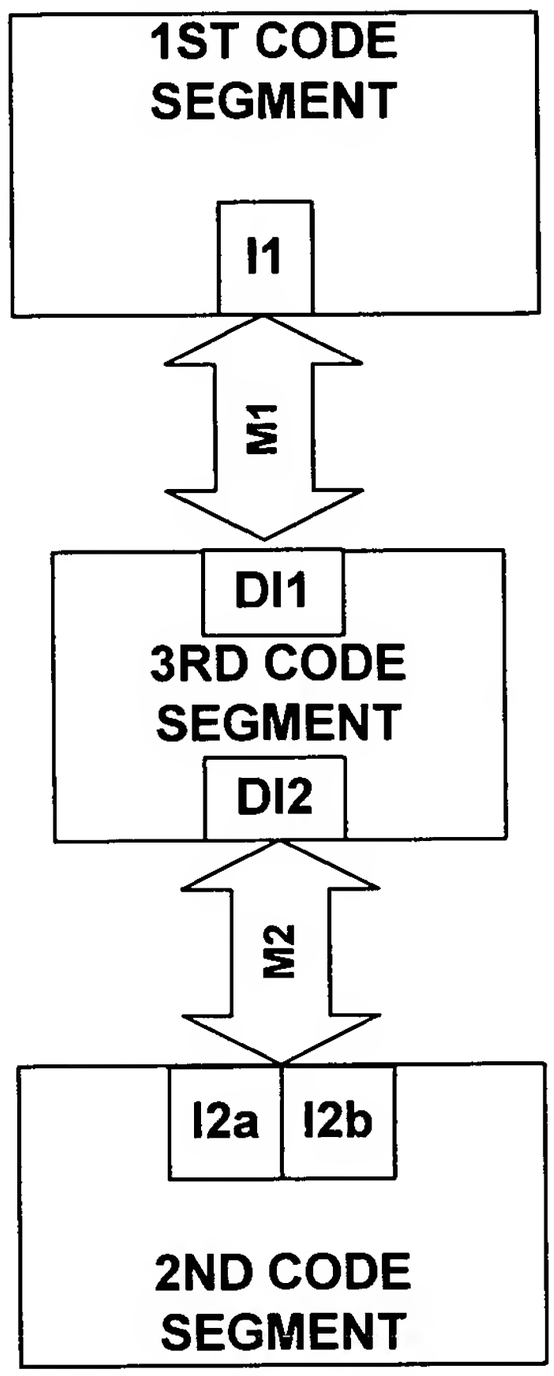


FIGURE 6b

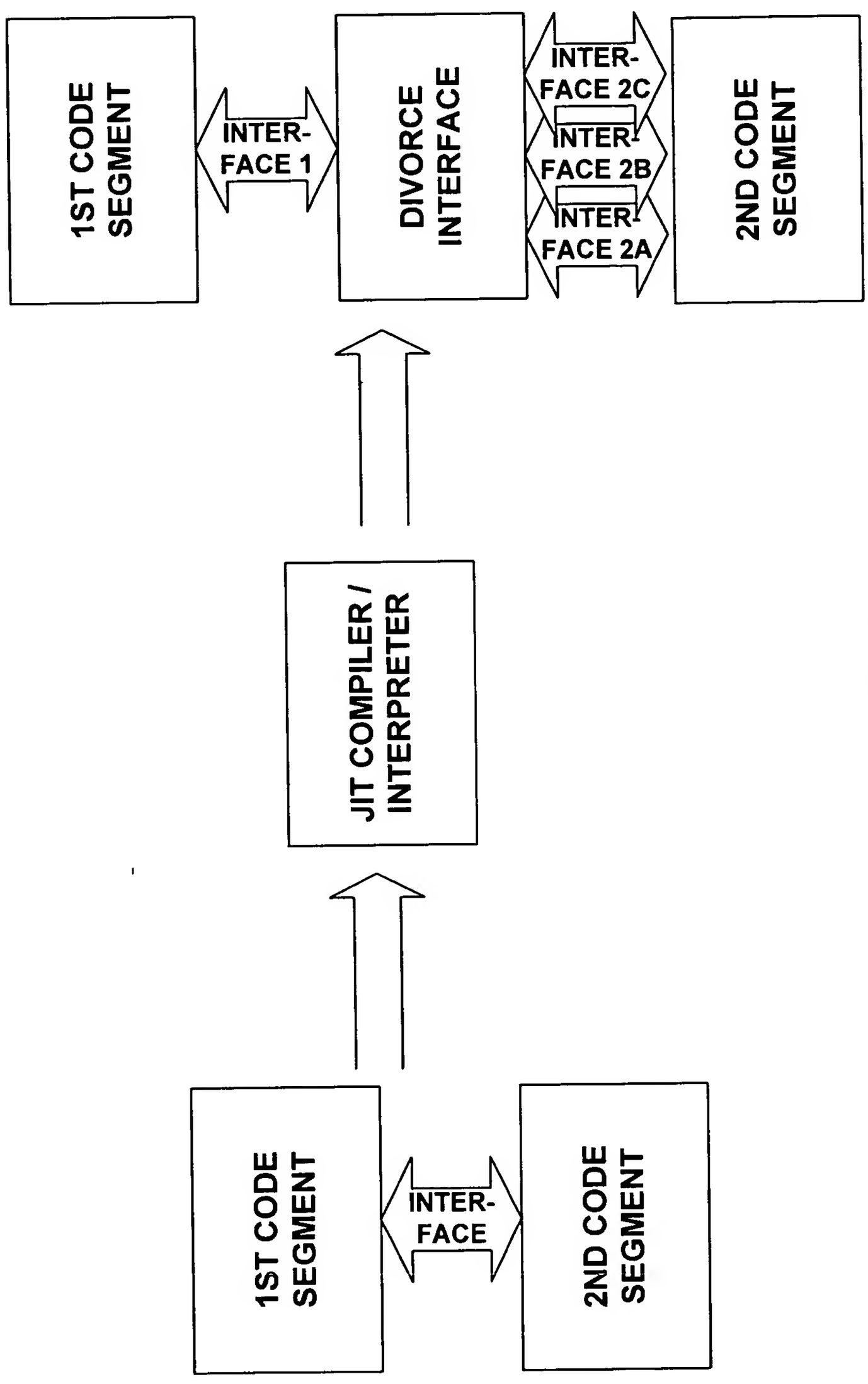

1ST CODE SEGMENT
INTER-FACE 1
DIVORCE INTERFACE
INTER-FACE 2C
INTER FACE 2B
INTER FACE 2A
2ND CODE SEGMENT
JIT COMPILER / INTERPRETER
1ST CODE SEGMENT
INTER-FACE
2ND CODE SEGMENT

FIGURE 7a

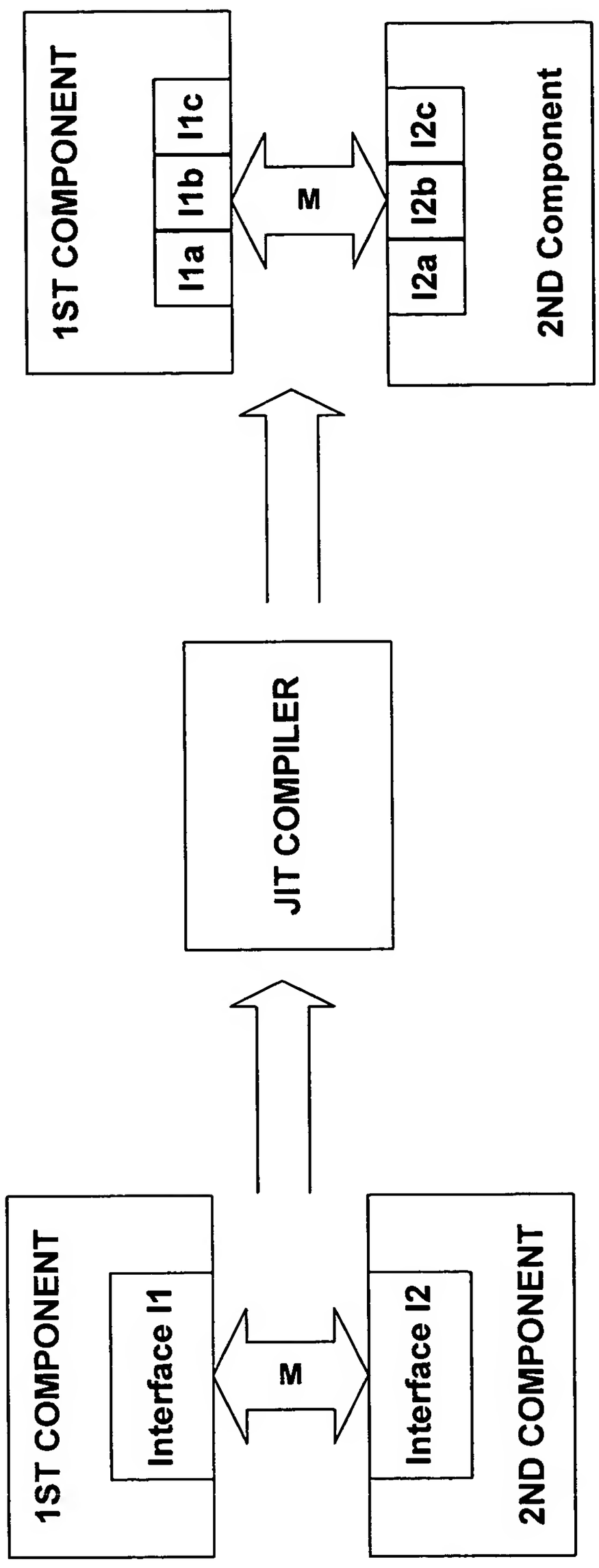

1ST COMPONENT
I1a
I1b
I1c
M
I2a
I2b
I2c
2ND Component
JIT COMPILER
1ST COMPONENT
Interface I1
M
Interface I2
2ND COMPONENT

FIGURE 7b

FIG. 8

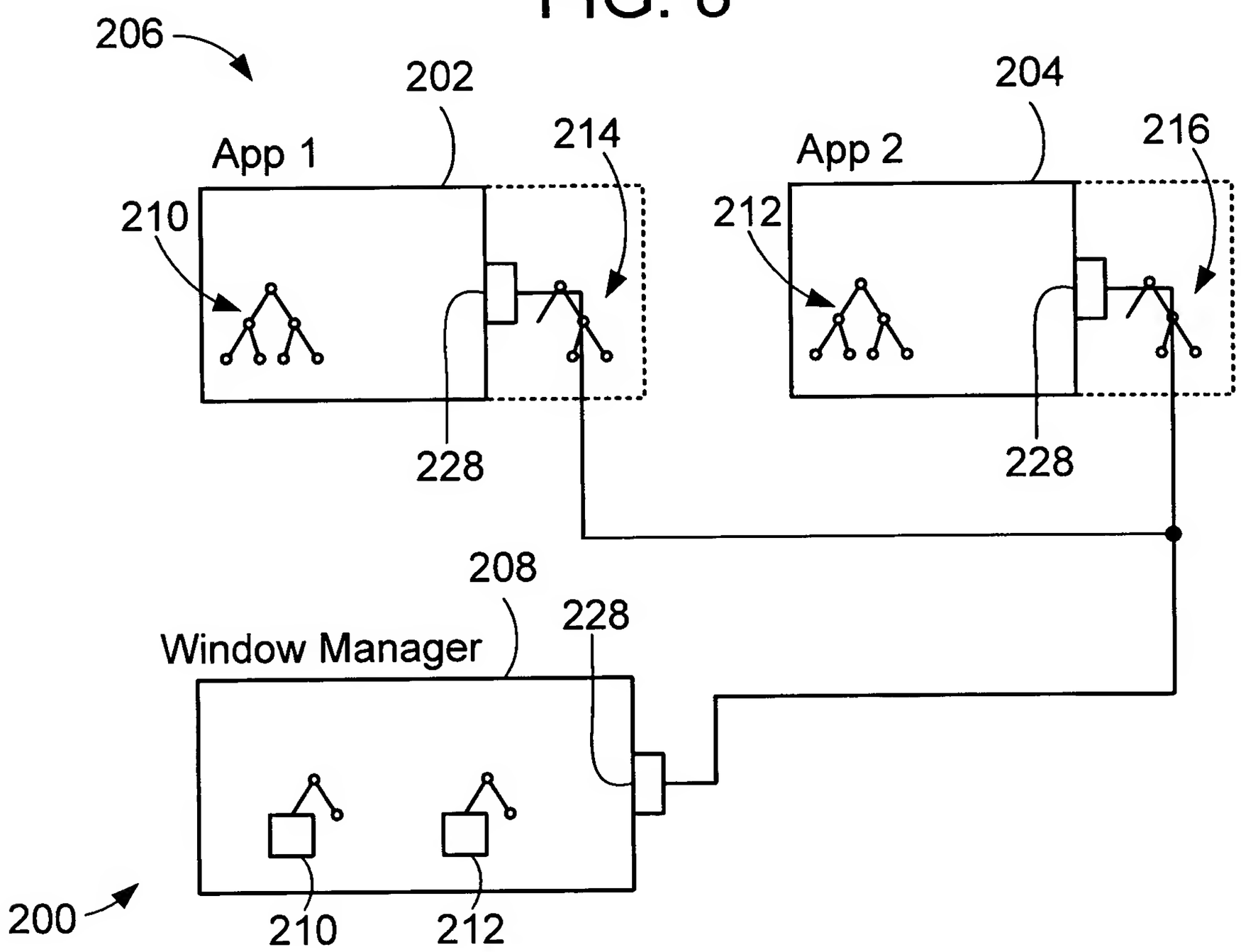

206
202
204
App 1
214
App 2
216
210
212
228
228
208
228
Window Manager
200
210
212

FIG. 9

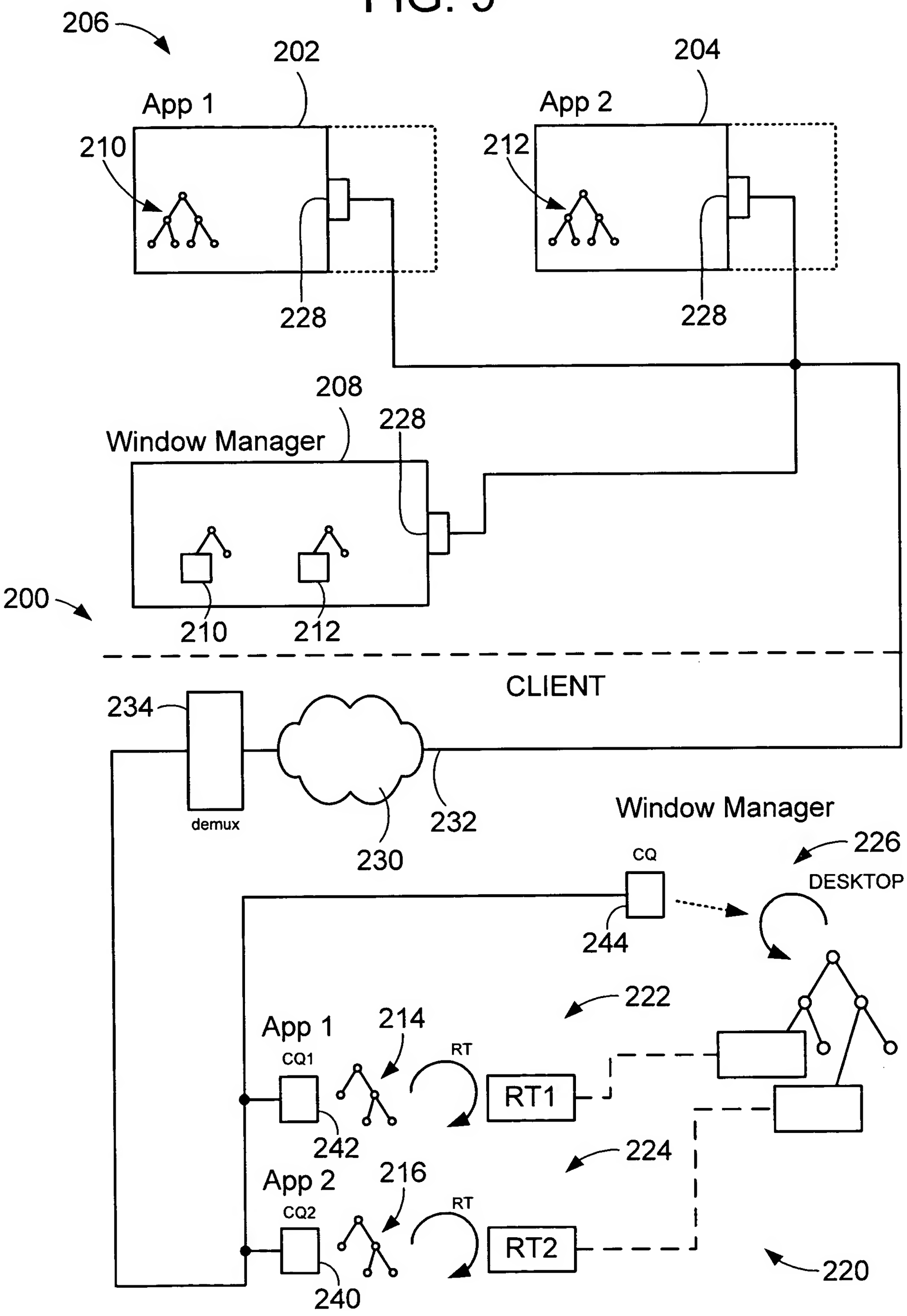
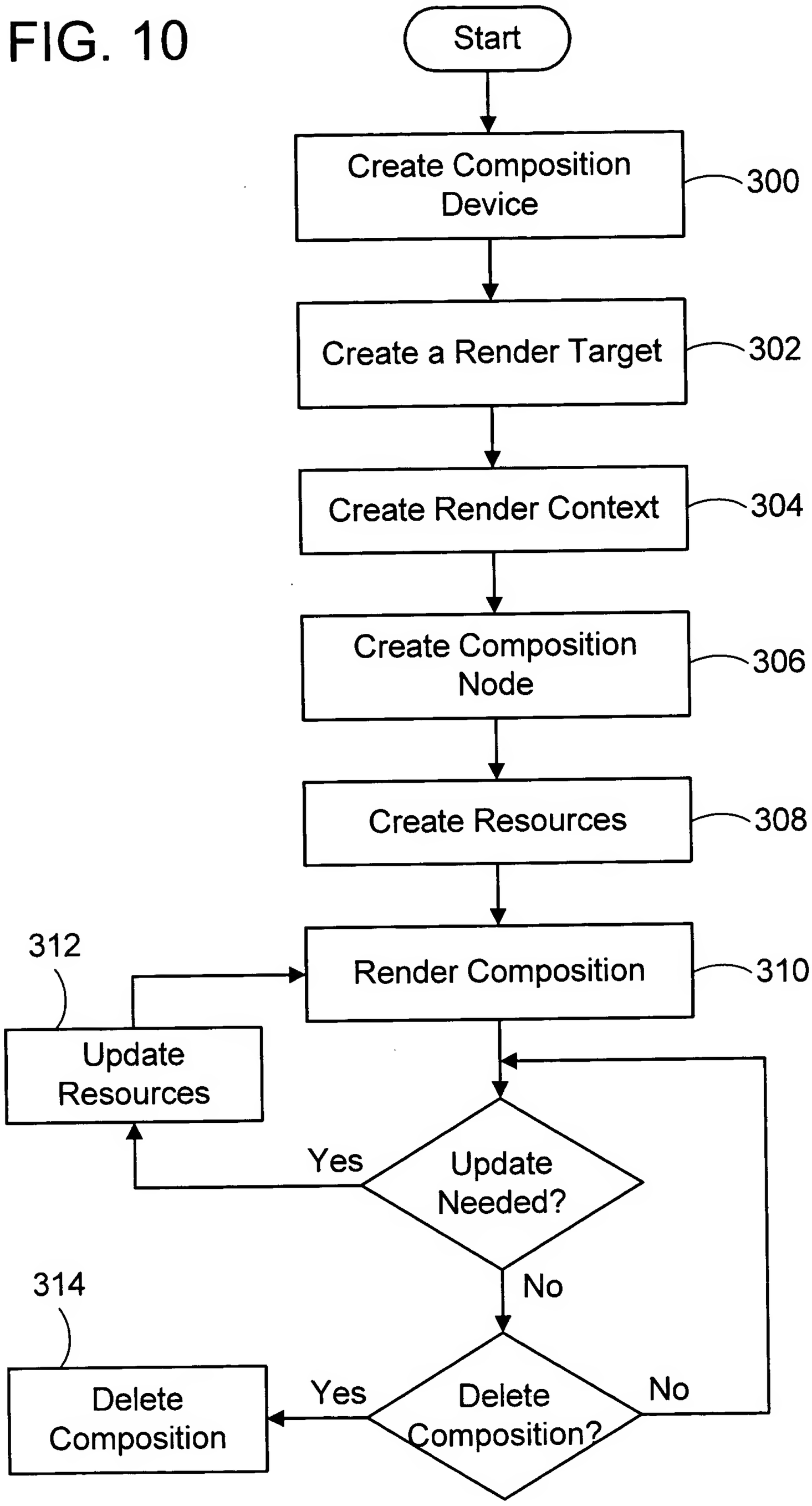

206
202
204
App 1
App 2
210
212
228
228
208
Window Manager
228
200
210
212
CLIENT
234
demux
230
232
Window Manager
226
CQ
DESKTOP
244
222
App 1
214
CQ1
RT
RT1
242
224
App 2
216
CQ2
RT
RT2
240
220

FIG. 10


Start
Create Composition Device
300
Create a Render Target
302
Create Render Context
304
Create Composition Node
306
Create Resources
308
Render Composition
310
312
Update Resources
Update Needed?
Yes
No
314
Delete Composition
Delete Composition?
Yes
No